

# Legend

	Overburden Sand (Rock)		less than 10% ( COARSENESS )		6010_Clean Sand ( Facies )
	Gravelly Sand (Rock)		more than 10% ( COARSENESS )		6200_Geotech clays ( Facies )
	Gravel (Rock)		Sonic ( Core Type )		7010_Micritic limestone ( Facies )
	Clearwater Shale (Rock)		Wet Rotary ( Core Type )		7050_Argillaceous Lmst ( Facies )
	Clean sand <10%fines (Rock)		40_Marine Carbonates ( Depositional Environment )		0105_Colluvium ( Facies )
	Sand and Clay 10-35%fines (Rock)		Deep Marine ( Depositional Environment )		3.) SILT AND SAND ( Facies )
	Sand and Clay 35-65%fines (Rock)		32_Fluvial Channel ( Depositional Environment )		0208_Ablation Till ( Facies )
	Sand and Clay 65-85% fines (Rock)		31_Fluvial Marsh-Swamp ( Depositional Environment )		0204_Glaciolac Dist Silty Clay ( Facies )
	Trafficable clay (Rock)		13_Foreshore ( Depositional Environment )		0200_Coarse Kame Sand ( Facies )
	Argillaceous Limestone (Rock)		04_Glaciolacustrine ( Depositional Environment )		No ( Gas zone )
	Micritic Limestone (Rock)		Glacial Till ( Depositional Environment )		Yes ( Gas zone )
	Coarse Grained Quarc Sandstone (Rock)		03_Holocene Fluvial ( Depositional Environment )		INDURATION ( INDURATION )
	Glacial Till (Rock)		02_Holocene Lacustrine ( Depositional Environment )		DW ( Member )
	Roots/root trace (Sedimentary Structure)		05_Kame Sand ( Depositional Environment )		Holocene ( Member )
	Brachiopod (Fossil)		24_Point Bar ( Depositional Environment )		KC ( Member )
	Coaly or Woody Fragments (Fossil)		12_Shoreface ( Depositional Environment )		WABISKAW D ( Member )
	Crinoid (Fossil)		25_Tidal channel complex ( Depositional Environment )		LOWER MCMURRAY ( Member )
	Glauconitic (Accessory)		23_Tidal Inlet ( Depositional Environment )		MIDDLE MCMURRAY ( Member )
	Shale gray (Stringers)		less than 10% ( Dip degree )		PL ( Member )
	Current ripple cross lamination (Laminations)		more than 10% ( Dip degree )		Disturbed ( Overburden Qualifiers )
	High angle parallel laminations (Laminations)		6035_Muddy Sand ( Facies )		AST 001 ( Samples )
	Parallel laminations (Laminations)		4010_Clean Sand ( Facies )		AST 004 ( Samples )
	Massive ( Bedding )		4035_Muddy sand ( Facies )		AST 020 ( Samples )
	Bedded ( Bedding )		4065_Sand mud mix ( Facies )		AST 103 ( Samples )
	Chaotic ( Bedding )		4085_Sandy Clay ( Facies )		AST 116 ( Samples )
	NONE ( BIOTURBATION ( BR ) )		5010_Clean Sand ( Facies )		DS 001 ( Samples )
	SLIGHT ( BIOTURBATION ( BR ) )		5035_Muddy sand ( Facies )		DS 002 ( Samples )
	MODERATE ( BIOTURBATION ( BR ) )		5065_Sand mud mix ( Facies )		DS 003 ( Samples )
	INTENSE ( BIOTURBATION ( BR ) )		5100_Trafficable clays ( Facies )		DS 005 ( Samples )

Abundance: Trace <-----> Occasional <- - - -> Common <- - -> Abundant <- - -> None <- - ->



Core Log

Well Name: Core Log 4 Location: Ground / Collar: 209.54 (m)  
 UWI: Core Log 4 KB: 212.5 (m) UTM East: 23146.12  
 Hole ID: Core Log 4 Core Quality: Good UTM North: 382967.45  
 Csg Depth (MD): 7.53 (m) Logged by: R.W. (Bob) Sephton P Geol. Slabbed: Yes  
 Core Point (MD): 0 (m) Date: Nov 23, 2009 Lab.: Agat  
 Total Depth (MD): 104 (m) Lic.#: % Calc. Recovery: 90.4  
 Rig#: Lease#: 21345 % Total Recovery: 91

Depth Correction: Depth Corrected by Photos  
 Remark: Alls well that cores well  
 Log Scale 1:120

